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1 Data management issues in electronic commerce: Business data management for business-to-business electronic commerce

 Christoph Quix, Mareike Schoop, Manfred Jeusfeld
 March 2002 **ACM SIGMOD Record**, Volume 31 Issue 1

 Full text available: [pdf\(582.22 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)

Business-to-business electronic commerce (B2B EC) opens up new possibilities of trade. For example, new business partners from around the globe can be found, their offers can be compared, even complex negotiations can be conducted electronically, and a contract can be drawn up and fulfilled via an electronic marketplace. However, a sophisticated data management is required to provide such facilities. In this paper, the results of a multi-national project on creating a business-to-business elect ...

2 Content integration for e-business

 Michael Stonebraker, Joseph M. Hellerstein
 May 2001 **ACM SIGMOD Record, Proceedings of the 2001 ACM SIGMOD international conference on Management of data**, Volume 30 Issue 2

 Full text available: [pdf\(75.79 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

We define the problem of content integration for E-Business, and show how it differs in fundamental ways from traditional issues surrounding data integration, application integration, data warehousing and OLTP. Content integration includes catalog integration as a special case, but encompasses a broader set of applications and challenges. We explore the characteristics of content integration and required services for any solution. In addition, we explore architectural alternatives and discuss ...

3 Problem-solution mapping in object-oriented design

 M. B. Rosson, E. Gold
 September 1989 **ACM SIGPLAN Notices, Conference proceedings on Object-oriented programming systems, languages and applications**, Volume 24 Issue 10

 Full text available: [pdf\(578.28 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Six expert Smalltalk programmers and three expert procedural programmers were observed as they worked on a gourmet shopping design problem; they were asked to think aloud about what was going through their minds as they worked. These verbal protocols were recorded and examined for ways in which the programmers' understanding of the problem domain affected the design process; most of our examples are from the three Smalltalk programmers who focussed most on the mapping from problem to soluti ...

4 Privacy/anonymity: The blocker tag: selective blocking of RFID tags for consumer privacy

Ari Juels, Ronald L. Rivest, Michael Szydlo

October 2003 **Proceedings of the 10th ACM conference on Computer and communication security**

Full text available:  pdf(223.05 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

We propose the use of "selective blocking" by "blocker tags" as a way of protecting consumers from unwanted scanning of RFID tags attached to items they may be carrying or wearing. While an ordinary RFID tag is a simple, cheap (e.g. five-cent) passive device intended as an "electronic bar-code" for use in supply-chain management, a blocker tag is a cheap passive RFID device that can simulate many ordinary RFID tags simultaneously. When carried by a consumer, a blocker tag thus "blocks" RFID reads ...

Keywords: RFID tags, barcodes, privacy, tree walking

5 Addressing the requirements of a dynamic corporate textual information base

Peter G. Anick, Rex A. Flynn, David R. Hanssen

September 1991 **Proceedings of the 14th annual international ACM SIGIR conference on Research and development in information retrieval**

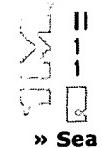
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1 Trellises for product codes and their augmenting codes*Xiao-Hong Peng; Farrell, P.G.;**Information Theory. 1997. Proceedings., 1997 IEEE International Symposium on , 29 June-4 July 1997**Pages:344*[\[Abstract\]](#) [\[PDF Full-Text \(96 KB\)\]](#) IEEE CNF**2 Embedded control system implementation and modeling issues***Erkkinen, T.J.;**American Control Conference, 1999. Proceedings of the 1999 , Volume: 1 , 2-June 1999**Pages:734 - 738 vol.1*[\[Abstract\]](#) [\[PDF Full-Text \(488 KB\)\]](#) IEEE CNF**3 Autocoding: an enabling technology for rapid prototyping***Robbins, C.B.;**Acoustics, Speech, and Signal Processing, 1996. ICASSP-96. Conference Proceedings., 1996 IEEE International Conference on , Volume: 2 , 7-10 May**Pages:1260 - 1263 vol. 2*[\[Abstract\]](#) [\[PDF Full-Text \(416 KB\)\]](#) IEEE CNF**4 On the histograms of the correlation functions of product codes***Rajan, J.;**Acoustics, Speech, and Signal Processing, IEEE International Conference on ICASSP '84. , Volume: 9 , Mar 1984**Pages:471 - 474*

[Abstract] [PDF Full-Text (79 KB)] IEEE CNF

5 Prototype-based tests for hybrid reactive systems

Philipps, J.; Hahn, G.; Pretschner, A.; Stauner, T.;

Rapid Systems Prototyping, 2003. Proceedings. 14th IEEE International Work on , 9-11 June 2003

Pages:78 - 84

[Abstract] [PDF Full-Text (1743 KB)] IEEE CNF

6 Production quality code generation from Simulink block diagrams

Hanselmann, H.; Kiffmeier, U.; Koster, L.; Meyer, M.; Rukgauer, A.;

Computer Aided Control System Design, 1999. Proceedings of the 1999 IEEE International Symposium on , 22-27 Aug. 1999

Pages:213 - 218

[Abstract] [PDF Full-Text (496 KB)] IEEE CNF

7 Towards a more efficient approach to automotive embedded control system development

Smith, M.H.; Elbs, M.;

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Pages:219 - 224

[Abstract] [PDF Full-Text (588 KB)] IEEE CNF

8 Structured analysis, structured design, visual programming

Opdahl, A.I.;

Visual Languages, 1993., Proceedings 1993 IEEE Symposium on , 24-27 Aug.

Pages:292 - 297

[Abstract] [PDF Full-Text (444 KB)] IEEE CNF

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13	103	"standardized code" and ((product with classif\$) or (product with identif\$))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 11:38
14	47	((generating with ("product code" or "product data")) and (product with database)) and ((receiv\$ or input) with data)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 11:39
15	20	((generating with ("product code" or "product data")) and (product with database)) and ((receiv\$ or input) with data)) and ((assign\$ or provid\$) same (product with code))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 11:40
16	28	((((assign\$5 with code with product) and standard\$6) and match\$3) and (raw with data)) not (((((assign\$5 with code with product) and standard\$6) and match\$3) and (raw with data)) and "product code")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 11:41

17	3	((("product database" and ("product code" or "product identifier" or "bar code")) and assign\$ and compar\$ and receiv\$) and ((match\$ with product) same ((assign\$ with identifier) or (assign\$ with "product code"))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 11:42
18	1	((("product database" and ("product code" or "product identifier" or "bar code")) and assign\$ and compar\$ and receiv\$) and "confidence measure")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 11:42
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20	0	("standardized code" and ((product with classif\$) or (product with identif\$))) and "confidence measure"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 11:43
21	1	("confidence measure" and guess\$2) and (generating with guess)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 11:44
22	20	("confidence measure" and guess\$2) and similarity	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 11:45
23	1	((generating with guess) and product) and ("confidence measure")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 11:45
24	15	((("product code" with standard\$6) same assign\$5) and (assign\$5 with "product code"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 11:46
25	7	((((assign\$5 with code with product) and standard\$6) and match\$3) and (raw with data)) and "product code"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 11:46
27	1	assign\$5 with "product code" same ((unknown or unidentified\$3) with products)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 11:47
29	409	label with "product code"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 11:48
30	0	assign\$ with "product code" same "unknown product"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 11:48
31	1	(label with "product code") and ((unknown or unidentified) with product)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 11:48
32	1	(label with "product code") and "raw data" same product	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 11:48

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34	36	(assign\$3 with print\$3 with label) and (inventory with system)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 11:50
35	17	((assign\$3 with print\$3 with label) and (inventory with system)) and (store with code)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 11:54
36	17	((assign\$3 with print\$3 with label) and (inventory with system)) and (store with code)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 11:54
37	2	(assign\$5 with label with product) and inventory and sku	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 11:54
38	15	((assign\$3 with print\$3 with label) and inventory and (assign\$5 with label)) and (retailer with code)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 11:55
39	14	((assign\$3 with print\$3 with label) and inventory and (assign\$5 with label)) and (retailer with code)) and ("product code" or sku)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 11:55
40	82	("inventory code" and (assign\$5 with "inventory code")) and ("product code" or sku)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 11:55
41	0	(((((707/104,104.1).CCLS.) and product\$1) and (product with (code or identifier))) and ((identif\$ or unidentif\$) with product)) and (compar\$ or match\$)) and data) and pars\$) and (raw with description)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 11:57
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28	3	assign\$5 with "product code" same "known product"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 12:14
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